

Proposal for Dry vs. Wet Cooling Assumption

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Provided by Arthur Haubenstock

Black & Veatch will base the cooling type for solar thermal facilities in the RETI modeling exercise on the potential for recycled water use. Each 7,000 of population should be considered as having the potential to provide enough recycled water to cool a 100 MW solar thermal plant located within a ten mile radius (the RETI report should note that new solar thermal technologies and improved solar trough could well, in reality, use less water; it should also reflect, in uncertainty bands, the range of costs for wet- and dry-cooling for the range of reasonably likely solar thermal technologies). All other solar thermal facilities would be modeled as being dry-cooled. The assumption would not include any groundwater use for cooling.